

Water Compliance Inspection Report

Section A: National Data System Coding (i.e., PCS)

Transaction Code		NPDES		yr/mo/day		Inspection Type		Inspector		Fac Type	
1	N			W	A	U	0	0	4	8	0
				1	0	0	3	3	0		
				Remarks							
				4/8/2010							
21											
66											
Inspection Work Days		Facility Self-Monitoring Evaluation Rating		BI		QA		Reserved			
67	2	0	69	70		71		72		73	74
								75			
								80			

Section B: Facility Data

Name and Location of Facility Inspected (For industrial users discharging to POTW, also include POTW name and NPDES permit number) Udder Pride Dairy LLC 8331 Nooksack Road Everson, WA 98247	Entry Time/Date 9:20am 3/30/2010	Permit Effective Date N/A
	Exit Time/Date 10:20am 3/30/2010	Permit Expiration Date N/A
Name(s) of On-Site Representative(s)/Title(s)/Phone and Fax Number(s) Alan Sytsma, owner/operator (b) (6) (phone) (b) (6) (cell phone)	Other Facility Data (e.g., SIC NAICS, and other descriptive information) SIC 0241 unpermitted	
Name, Address of Responsible Official/Title/Phone and Fax Number Alan Sytsma, owner/operator 8331 Nooksack Road Everson, WA 98247 (b) (6) (phone) / (b) (6) (cell phone)	<div style="display: flex; align-items: center;"> <div style="margin-right: 20px;"> <p>Contacted</p> <p><input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p> </div> <div> <p>44 Long N 48-94312 Long W 122.32121</p> </div> </div>	

Section C: Areas Evaluated During Inspection (Check only those areas evaluated)

<input type="checkbox"/> Permit	<input type="checkbox"/> Self-Monitoring Program	<input type="checkbox"/> Pretreatment	<input type="checkbox"/> MS4
<input checked="" type="checkbox"/> Records/Reports	<input type="checkbox"/> Compliance Schedules	<input type="checkbox"/> Pollution Prevention	
<input checked="" type="checkbox"/> Facility Site Review	<input type="checkbox"/> Laboratory	<input type="checkbox"/> Storm Water	
<input checked="" type="checkbox"/> Effluent/Receiving Waters	<input checked="" type="checkbox"/> Operations & Maintenance	<input type="checkbox"/> Combined Sewer Overflow	
<input type="checkbox"/> Flow Measurement	<input type="checkbox"/> Sludge Handling/Disposal	<input type="checkbox"/> Sanitary Sewer Overflow	



Section D: Summary of Findings/Comments

(Attach additional sheets of narrative and checklists, including Single Event Violation codes, as necessary)

SEV Codes	SEV Description
• • • • •	• • • • •
• • • • •	• • • • •
• • • • •	• • • • •
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Report to follow

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U.S. EPA REGION 10
OFFICE OF COMPLIANCE AND ENFORCEMENT

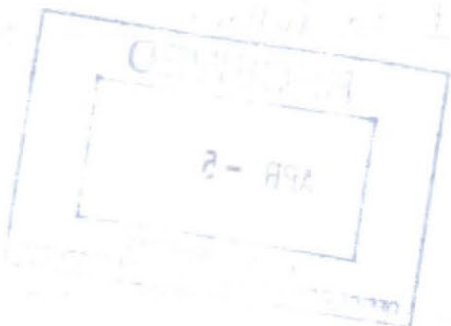
Name(s) and Signature(s) of Inspector(s) Kristin McNeill 	Agency/Office/Phone and Fax Numbers EPA/OCE (206) 553-6291	Date 4/2/10
Dave Terpening	EPA/OCE (206) 553-6905	
Signature of Management Q A Reviewer 	Agency/Office/Phone and Fax Numbers	Date 04/19/10

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J.B.

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**NPDES
Compliance Inspection Report**

Udder Pride Dairy, LLC

Lynden, Washington

March 30, 2010

**Prepared by:
Kristin McNeill
Environmental Scientist
U. S. Environmental Protection Agency, Region 10
Office of Compliance and Enforcement
Inspection and Enforcement Management Unit**

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Unless otherwise noted, all details in this inspection report were obtained from conversations with Alan Sytsma or from observations during the inspection.

I. Facility Information

Facility Name: Udder Pride Dairy, LLC
Facility Type: Dairy (SIC 0241)
Facility Contact: Alan Sytsma, owner and operator
Facility Address: 8331 Nooksack Road
Everson, WA 98247
Whatcom County
Contact Phone Number: (b) (6) (cell phone)
GPS location: Lat: N 48.94312
Long: W 122.32121

II. Inspection Information

Inspection Date: March 30, 2010
Arrival Time: 9:20 am
Departure Time: 10:20 am
Weather Conditions: Cloudy with intermittent rain; approximately 50°
Purpose: Determination of compliance with the Clean Water Act.

III. Permit Information

Udder Pride Dairy does not currently operate under an NPDES permit.

IV. Owner and Operator Information

This facility is owned and operated by Alan Sytsma.

V. Individuals Present

Inspectors affiliated with the U.S. EPA Office of Compliance and Enforcement were Kristin McNeill and Dave Terpening. Also present was Eric Bair, an inspector with the Washington State Department of Agriculture (WSDA).

Facility representative Alan Sytsma was present for the inspection. Alan answered our questions, but was unable to accompany us during the walk-through of his facility.

VI. Background and Activity

This is a dairy facility that Alan Sytsma has been operating for approximately 9 years, since 2001 (photo 1). Previous to 2001, he operated the dairy with (b) (6) the original owner.

The bulk of the waste generated at this facility is in the areas where animals are confined and where feed is stored. This waste includes manure and urine deposited in the confinement areas, wash water from the milking parlor, and runoff from the silage storage area.

Waste handling at this facility consists of two lagoons and a below-ground storage tank. Liquid waste is contained in the lagoons, which were designed by the National Resources Conservation Service (NRCS) and have a total capacity of 4.3 million gallons. The below-ground storage tank has a capacity of 60,000 gallons. Overall, the facility has a waste storage capacity of approximately 4.4 million gallons.

The inspection of this dairy is part of EPA Region 10's Concentrated Animal Feeding Operation initiative.

VII. Inspection Entry

This was an unannounced inspection. Dave Terpening, Eric Bair, and I arrived at the facility at 9:20 am on March 30, 2010. Dave Terpening and I presented our credentials to Alan Sytsma and explained the purpose of our visit.

Alan Sytsma did not deny us access to the facility. We were allowed to inspect all areas that we wished to inspect.

VIII. Inspection Summary

A. Chronology

After gaining access to the facility, we began the inspection with a brief opening conference with Alan Sytsma, in which I explained the purpose of the inspection. Following the opening conference, Alan allowed us to do an unaccompanied walk-through of the facility. We walked the perimeter of the dairy production area and inspected the animal confinement pens, solids separator, silage bunkers, the below-ground storage tank, and the lagoons.

After the walk-through we conducted an interview with Alan regarding operations at the facility.

We concluded the inspection with a closing conference with Alan Sytsma in which we discussed observations and areas of concern identified from the inspection. We left the facility at 10:20 am on March 30, 2010.

B. Number of Animals

At the time of inspection, Alan Sytsma indicated that he owned approximately 450 milking and dry cows. He also has "a few" heifers on-site, because most are raised off-site. Although not stated by Alan, I observed approximately 40 calves on-site. The dairy's Nutrient Management Plan (NMP) was developed for 372 milking cows, 55 dry cows, and 140 heifers.

C. Length of Animal Confinement

According to Alan Sytsma, all of the animals are confined in pens throughout the year.

D. Presence of Vegetation in Confinement Areas

At this facility, the milking parlor and the barns where animals are fed and maintained had concrete floors. Based on my observation at the time of inspection, the confinement barns and the milking parlor were devoid of vegetation.

E. Feed Storage Area

The feed was stored in bunkers and was covered with either a tarp or a roof (photo 2).

F. Nutrient Management Plan

The facility has implemented an NMP that was certified by the Whatcom Conservation District. The NMP was certified on September 11, 2002, and is kept at the facility. The facility map in the NMP was updated by Alan in May 2008.

G. Waste Management Process

Waste from the barns is scraped into the below-ground storage tank using tractors and automatic scrapers and is then pumped to a solids separator (photos 3 – 6). Liquid waste is routed from the solids separator into the first lagoon (photo 7).

The lagoons are emptied as often as possible, and were most recently emptied in fall 2009.

H. Land Application

Alan Sytsma owns approximately 240 acres and leases approximately 100 acres on which he land applies, for a total of approximately 340 acres available for land application of liquid manure. He uses a splash plate with an aerator for liquid application. Land application occurs approximately 7 times per year (after each grass cutting).

I. Facility Record Keeping and Inspections

The facility maintains records of land applications. The facility also performs periodic inspections to ensure proper operations and maintenance.

J. Receiving Water

The nearest surface water is a drainage ditch that runs through Alan Sytsma's field. The ditch flows into the Sumas River, which flows north into Canada and eventually into the Fraser River.

IX. Areas of Concern

We conducted an interview with Alan Sytsma and a walk-through inspection in which we examined the facility, including the confinement areas and waste handling system. At the time of inspection, we did not observe any discharges or areas of concern.

Report Completion Date:

4/19/10

Lead Inspector Signature:



Kristin McNeill
(206) 553-6291

Attachment A: Photograph Documentation
(All photos taken by D. Terpening on March 30, 2010)



Photo 1. Udder Pride Dairy sign.



Photo 2. Silage storage bunker, covered with a tarp and grass.



Photo 3. Automatic barn scraper.



Photo 4. Barn waste being scraped into a slot drain.



Photo 5. Below-ground storage tank pump to solids separator.



Photo 6. Solids separator.



Photo 7. Liquid storage lagoon.

Attachment B: Aerial photo
(image from Google Earth Pro)



